

- 1. A composition for attracting mosquitoes within a three-dimensional space, said composition comprising:
- A) at least one 1-alkyn-3-ol compound of the formula:

$$R^2$$
 $R^1 - C - C \equiv CH$
 OH

wherein R¹ is a saturated aliphatic hydrocarbon group containing from 1 to about 12 carbon atoms, and R² is hydrogen; and

- b) a carrier for the at least one 1-alkyn-3-ol.
- 2. A composition according to Claim 1 wherein R^1 is $C_5 H_{11}$.
- 3. A method of attracting mosquitoes within a three-dimensional space comprising releasing within the three-dimensional space an attracting effective amount of at least one 1-alkyn-3-ol of the formula:

$$\begin{matrix} R^2 \\ \downarrow \\ R^{1} \quad C \\ OH \end{matrix} C \equiv CH$$

wherein R^1 is a saturated aliphatic hydrocarbon group containing from 1 to about 12 carbon atoms, and R^2 is hydrogen.

4. The method of Claim 3 wherein R^1 is $C_5 H_{11}$.





- 5. The method of Claim 3 wherein the attracting effective amount ranges from about 0.01 mg/hr to about 10 mg/hr.
- 6. The method of Claim 3 wherein the attracting effective amount ranges from about 0.04 mg/hr to about 3.5 mg/hr.
- 7. The method of Claim 4 wherein the attracting effective amount ranges from about 0.01 mg/hr to about 10 mg/hr.
- 8. The method of Claim 4 wherein the attracting effective amount ranges from about 0.04 mg/hr to about 3.5 mg/hr.
- 9. The method of Claim 3 wherein the releasing comprises evaporation, atomization or ionic dispersion.
- 10. The method of Claim 4 wherein the releasing comprises evaporation, atomization or ionic dispersion
- 11. The method of Claim 6 wherein the releasing comprises evaporation, atomization or ionic dispersion.
- 12. The method of Claim 8 wherein the releasing comprises evaporation, atomization or ionic dispersion.
- 13. The method of Claim 4 wherein carbon dioxide is released concurrently with the at least one 1-alkyn-3-ol.
- 14. The method of Claim 6 wherein carbon dioxide is released concurrently with the at least one 1-alkyn-3-ol.

- 15. The method of Claim 8 wherein carbon dioxide is released concurrently with the at least one 1-alkyn-3-ol.
- 16. The method of Claim 11 wherein carbon dioxide is released concurrently with the at least one 1-alkyn-3-ol.
- 17. The method of Claim 12 wherein carbon dioxide is released concurrently with the at least one 1-alkyn-3-ol.
- 18. An article for use in dispensing an mosquito attracting effective amount of a mosquito attractant comprising an absorbent material having absorbed therein at least one 1-alkyn-3-ol of the formula:

wherein R^1 is a saturated aliphatic hydrocarbon group containing from 1 to 12 carbon atoms and R^2 is hydrogen.

- 19. An article of Claim 18 wherein R¹ is C₅H₁₁.
- 20. An article of Claim 18 wherein the absorbent material is a fibrous material.
- 21. An article of Claim 18 wherein the absorbent material is a waxy medium.